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(54) Title: ALKALI-FREE GLASS

(57) Abstract: A subject for the invention is to provide an alkali-free glass which is capable of reducing or totally eliminating As₂O₃ and which has fewer bubble inclusion than that in the prior technology. The invention relates to an alkali-free glass which comprises SiO₂ in an amount of from 40 to 70% by weight; Al₂O₃ in an amount of from 6 to 25% by weight; B₂O₃ in an amount of from 5 to 20% by weight; MgO in an amount of from 0 to 10% by weight; CaO in an amount of from 0 to 15% by weight; BaO in an amount of from 0 to 30% by weight; SrO in an amount of from 0 to 10% by weight; ZnO in an amount of from 0 to 10% by weight, each based on the total amount of said glass, and helium and/or neon in an amount of from 0.000:1 to 2 µl/g (0°C, 1 atm.) .

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